	Application No.	Applicant(s)
Notice of Allowability	10/647,536	JEONG, MINSU
	Examiner	Art Unit
	Torni D. Cunningham	2046
	Terry D. Cunningham	2816
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this a or other appropriate communication is subject IGHTS. This application is subject	application. If not included on will be mailed in due course. THIS
1. A This communication is responsive to the After-Final amend	dment filed 14 June 2005.	·
2. The allowed claim(s) is/are <u>9-17</u> .		
3. \boxtimes The drawings filed on <u>23 December 2004</u> are accepted by	the Examiner.	
 4. Acknowledgment is made of a claim for foreign priority ur a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	been received. been received in Application No.	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a repl ENT of this application.	ly complying with the requirements
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 	itted. Note the attached EXAMINE es reason(s) why the oath or decla	R'S AMENDMENT or NOTICE OF ration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1. each sheet. Replacement sheet(s) should be labeled as such in the position of the deposit of the deposi	on's Patent Drawing Review (PTG Amendment / Comment or in the 84(c)) should be written on the draw he header according to 37 CFR 1.12	Office action of vings In the front (not the back) of 1(d) must be submitted. Note the
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Informal 6. ☐ Interview Summar Paper No./Mail D 8), 7. ☐ Examiner's Amend	Patent Application (PTO-152) v (PTO-413).
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STATEMENT OF REASONS FOR ALLOWANCE

The amendment filed 14 June 2005 overcome the outstanding objections. Further, Examiner has fully considered Applicant's remarks for the outstanding art rejection. Examiner initially points out that the previous rejection erroneously pointed to element MN5 of Choi as part of the "charge pump". However, it was the intent of the Examiner that MN5 was intended to be the recited "biasing unit". While the output of the "control unit" is connected to the input (gate of MN5) of the "biasing unit" and the output of the "biasing unit" (drain of MN5) is connected to "a bias terminal (source of MN7) of the charge pump", it is not seen that it is as that output of the "biasing unit" is also connected to the "bias terminal of the current mirror unit". Thus, the rejection in view of Choi is hereby removed. Also, with respect to the reference to Gersbach et al., the claims are allowable for similar reasons as discussed with the reference to Choi.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Terry Cunningham whose telephone number is 571-272-1742. The examiner can normally be reached on Monday-Thursday from 7:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Timothy P. Callahan can be reached on 571-272-1740. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent
Application Information Retrieval (PAIR) system. Status information for published applications
may be obtained from either Private PAIR or Public PAIR. Status information for unpublished
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system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TC

June 20, 2005

Terry D. Cunningha Primary Examiner

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